ACCESSION NUMBER: 0060
DOCUMENT TYPE: EV
TITLE: Performance Evaluation of the Technical Capabilities of DOE Sites for Disposal of Mixed Low-Level Waste Volume I: Executive Summary
ORIG. DOC. NO.: DOEID105211; SAND9607211
DOCUMENT DATE: 960300
ORIGINATING AGENCY: Department of Energy
PAGES: 0036
REEL: FRAME:
AUTHORS: Department of Energy Office of Waste Management with Sandia National Laboratories
ABSTRACT: A team of analysts designed and conducted a performance evaluation to estimate the technical capabilities of fifteen Department of Energy sites for disposal of mixed low-level waste (i.e., waste that contains both low-level radioactive materials and hazardous constituents). Volume I summarized the process for selecting the fifteen sites, the methodology used in the evaluation, and the conclusion derived from the evaluation. Volume 2 provides details about the site-selection process, the performance-evaluation methodology, and the overall results of the analysis. Volume 3 contains detailed evaluations of the fifteen sites and discussions of the results for each site.
KEYWORDS: RADIONUCLIDES, WASTE MANAGEMENT, TRANSPORTATION, SAFEGUARDS, ENVIRONMENTAL EFFECTS
CROSSINDEX:
PROVENANCE:
LOCATIONS: Lawrence Livermore National Laboratory, Livermore, CA; Rocky Flats Environmental Technology Site, Golden, CO; Idaho National Engineering Laboratory, Idaho Falls, ID; Argonne National Laboratory-East, Argonne, IL; Paducah Gaseous Diffusion Plant, Paducah, KY; Nevada Test Site, Nye County, NV; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; West Valley Demonstration Project, West Valley, NY; Fernald Environmental Management Project, Fernald, OH; Portsmouth Gaseous Diffusion Plant, Portsmouth, OH; Savannah River Site, Aiken, SC; Oak Ridge Reservation, Oak Ridge, TN; Pantex Plant, Amarillo, TX; Hanford Site, Richland, WA

ACCESSION NUMBER: 0061
DOCUMENT TYPE: EV
TITLE: Performance Evaluation of the Technical Capabilities of DOE Sites for Disposal of Mixed Low-Level Waste Volume II: Technical Basis and Discussion of Results
ORIG. DOC. NO.: DOEID105212; SAND9607212
DOCUMENT DATE: 960300
ORIGINATING AGENCY: Department of Energy
PAGES: 0179
REEL: FRAME:
AUTHORS: Department of Energy Office of Waste Management with Sandia National Laboratories
ABSTRACT: A team of analysts designed and conducted a performance evaluation to estimate the technical capabilities of fifteen Department of Energy sites for disposal of mixed low-level

waste (i.e., waste that contains both low-level radioactive materials and hazardous constituents). Volume I summarized the process for selecting the fifteen sites, the methodology used in the evaluation, and the conclusion derived from the evaluation. Volume 2 provides details about the site-selection process, the performance-evaluation methodology, and the overall results of the analysis. Volume 3 contains detailed evaluations of the fifteen sites and discussions of the results for each site.

KEYWORDS: RADIONUCLIDES, WASTE MANAGEMENT, TRANSPORTATION, SAFEGUARDS, ENVIRONMENTAL EFFECTS

CROSSINDEX:

PROVENANCE:

LOCATIONS: Lawrence Livermore National Laboratory, Livermore, CA; Rocky Flats Environmental Technology Site, Golden, CO; Idaho National Engineering Laboratory, Idaho Falls, ID; Argonne National Laboratory-East, Argonne, IL; Paducah Gaseous Diffusion Plant, Paducah, KY; Nevada Test Site, Nye County, NV; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; West Valley Demonstration Project, West Valley, NY; Fernald Environmental Management Project, Fernald, OH; Portsmouth Gaseous Diffusion Plant, Portsmouth, OH; Savannah River Site, Aiken, SC; Oak Ridge Reservation, Oak Ridge, TN; Pantex Plant, Amarillo, TX; Hanford Site, Richland, WA

ACCESSION NUMBER: 0062

DOCUMENT TYPE: EV

TITLE: Performance Evaluation of the Technical Capabilities of DOE Sites for Disposal of Mixed Low-Level Waste Volume III: Site Evaluations

ORIG. DOC. NO.: DOEID105213; SAND9607213

DOCUMENT DATE: 960300

ORIGINATING AGENCY: Department of Energy

PAGES: 0696

REEL: FRAME:

AUTHORS: Department of Energy Office of Waste Management with Sandia National Laboratories

ABSTRACT: A team of analysts designed and conducted a performance evaluation to estimate the technical capabilities of fifteen Department of Energy sites for disposal of mixed low-level waste (i.e., waste that contains both low-level radioactive materials and hazardous constituents). Volume I summarized the process for selecting the fifteen sites, the methodology used in the evaluation, and the conclusion derived from the evaluation. Volume 2 provides details about the site-selection process, the performance-evaluation methodology, and the overall results of the analysis. Volume 3 contains detailed evaluations of the fifteen sites and discussions of the results for each site.

KEYWORDS: RADIONUCLIDES, WASTE MANAGEMENT, TRANSPORTATION, SAFEGUARDS, ENVIRONMENTAL EFFECTS, HYDROLOGY, METEOROLOGY

CROSSINDEX:

PROVENANCE:

LOCATIONS: Lawrence Livermore National Laboratory, Livermore, CA; Rocky Flats Environmental Technology Site, Golden, CO; Idaho National Engineering Laboratory, Idaho Falls, ID; Argonne National Laboratory-East, Argonne, IL; Paducah Gaseous

Diffusion Plant, Paducah, KY; Nevada Test Site, Nye County, NV; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; West Valley Demonstration Project, West Valley, NY; Fernald Environmental Management Project, Fernald, OH; Portsmouth Gaseous Diffusion Plant, Portsmouth, OH; Savannah River Site, Aiken, SC; Oak Ridge Reservation, Oak Ridge, TN; Pantex Plant, Amarillo, TX; Hanford Site, Richland, WA

ACCESSION NUMBER: 0063
DOCUMENT TYPE: V
TITLE: INEL Ten Year Plan (Excerpts)
ORIG. DOC. NO.:
DOCUMENT DATE: 960821
ORIGINATING AGENCY: Department of Energy
PAGES:
REEL: FRAME:
AUTHORS: Wilcynski, J
ABSTRACT: Public comment video - Idaho National Engineering Laboratory Ten Year Plan (Excerpts). 32:00 minutes.
KEYWORDS: IDAHO NATIONAL ENGINEERING LABORATORY
CROSSINDEX:
PROVENANCE:
LOCATIONS: Idaho National Engineering Laboratory, Idaho Falls, ID

ACCESSION NUMBER: 0064
DOCUMENT TYPE: RT
TITLE: Taking Stock: A Look at the Opportunities and Challenges Posed by Inventories from the Cold War Era - A Report of The Materials in Inventory Initiative
ORIG. DOC. NO.: DOEEM0275
DOCUMENT DATE: 960100
ORIGINATING AGENCY: Department of Energy
PAGES: 1590
REEL: FRAME:
AUTHORS: Department of Energy Office of Environmental Management and the Office of Strategic Planning and Analysis
ABSTRACT: Volumes I, IIa, IIb. In February 1995, then-Under Secretary of Energy Charles B. Curtis launched the Materials in Inventory (MIN) Initiative. The goal was to fill significant gaps in the Department's knowledge about how its materials are being managed, the systems used to guide disposition decisions, and the barriers to proper materials management and disposition. The MIN Initiative is the first Department-wide status report on the management practices and disposition options in place specifically for materials in inventory. The Initiative's findings will be used to suggest ways to improve management, avoid unnecessary costs, and eventually reduce the amount of material in inventory by developing and implementing options for disposition. The Department identified 10 categories of materials in inventory to include in this Initiative that can be divided into "nuclear" and "non-nuclear" materials. The MIN Initiative used three criteria to select the 10 categories of materials: 1) they exist in significant quantities, 2) they have posed management issues in the past, or 3) no Department program currently exists to ensure their

comprehensive management. It then established 10 teams comprised of Field and Headquarters personnel to assess the condition of the individual materials. The ten teams are: Nuclear Materials - Spent Nuclear Fuel, Plutonium and other NMMSS-tracked Materials, Natural and Enriched Uranium, Depleted Uranium, and Lithium; Non-Nuclear Materials - Sodium, Lead, Chemicals, Weapons Components, and Scrap Metal and Equipment. Each team produced a report that contained a wealth of information on its specific material including an inventory of the material meeting the MIN definition; cost issues associated with managing it; risks to health, safety, or the environment posed by the materials, also called vulnerabilities; and obstacles or barriers to adequate management or disposition of materials in inventory. Whenever possible, MIN teams relied on existing sources of data and did not conduct extensive new data collection.
KEYWORDS: ENVIRONMENTAL EFFECTS, HEALTH RISKS, SAFETY, NUCLEAR FUEL, PLUTONIUM, URANIUM, LITHIUM, SODIUM, LEAD, CHEMICALS, WEAPONS COMPONENTS, SCRAP METAL, NMMSS-TRACKED MATERIALS
CROSSINDEX:
PROVENANCE:
LOCATIONS:

ACCESSION NUMBER: 0065
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Geology, Soils, Water Resources, Radionuclide Inventory
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0243
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: The purpose of this report is to document the basis for the discussions and findings presented in the U.S. Department of Energy's Environmental Impact Statement (EIS) for the Nevada Test Site (NTS) and Off-Site Locations in Nevada related to geology, soils, water resources, and radionuclide inventory at the NTS. The baseline data and reference materials that were used as the basis for the descriptions of the affected environments are presented for each of these related areas. The specific methodologies that were used in reaching the findings regarding the impacts of various alternative actions on the geology, soils, and water resources of the potentially affected areas are presented and discussed.
KEYWORDS: GEOLOGY, PHYSIOGRAPHY, SOILS, WATER RESOURCES, RADIONUCLIDES
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0066
DOCUMENT TYPE: RT
TITLE: Technical Resource Document - Nevada Test Site Biology
ORIG. DOC. NO.:

DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0016
REEL: FRAME:
AUTHORS: Wills C
ABSTRACT: This report describes potential impacts of Department of Energy (DOE) activities on biological resources in seven areas of the Mojave and Great Basin desers in Nevada. These areas are described in detail in the Affected Environments section (Volume 1, Chapter 4.0) of the Environmental Impact Statement (EIS) for the Nevada Test Site (NTS) and Off-Site Locations in the State of Nevada. This report is designed to supplement, where necessary, sections of the Environmental Consequences section (Volume 1, Chapter 5) of this EIS that summarizes impacts on biological resources. The report describes the methods and assumptions used to evaluate impacts on biological resources and results of that analysis.
KEYWORDS: NEVADA TEST SITE, BIOLOGY, ENVIRONMENTAL EFFECTS, NATURAL RESOURCES
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0067
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Environmental Justice
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0030
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on Environmental Justice as a result of the four alternatives examined in the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS).
KEYWORDS: ENVIRONMENTAL JUSTICE, ENVIRONMENTAL EFFECTS, NEVADA TEST SITE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0068
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Noise
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy

PAGES: 0004
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on noise as a result of the four alternatives examined in the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS).
KEYWORDS: NOISE, NEVADA TEST SITE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0069
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Socioeconomics
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0070
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on socioeconomics as a result of the four alternatives examined in the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS). Socioeconomic issues examined include economic activity (employment, earnings, and personal income), population, housing, public finance, and public services (public education, police and fire protection, and health care).
KEYWORDS: SOCIOECONOMICS, POPULATION, EMPLOYMENT, PUBLIC SERVICES, NEVADA TEST SITE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0070
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Air Quality
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0008
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on air quality as a result of the four alternatives examined in

the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS).
KEYWORDS: AIR QUALITY, NEVADA TEST SITE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0071
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Visual Resources
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0004
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on Visual Resources as a result of the four alternatives examined in the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS).
KEYWORDS: NEVADA TEST SITE, VISUAL RESOURCES, SCENIC QUALITY, VISUAL SENSITIVITY, VISIBILITY ZONES
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0072
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Off-Site Traffic
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0011
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report includes the methodologies, assumptions, and supporting data used for assessing the potential impacts on off-site traffic as a result of the four alternatives examined in the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada (NTS EIS).
KEYWORDS: TRANSPORTATION, TRAFFIC, NEVADA TEST SITE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0073
DOCUMENT TYPE: RT
TITLE: Environmental Impact Statement for the Nevada Test Site and Off-site Locations in the State of Nevada - Human Health Risk Assessment Phase I
ORIG. DOC. NO.:
DOCUMENT DATE: 960300
ORIGINATING AGENCY: Department of Energy
PAGES: 0016
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: This report documents the first phase of the accident analysis performed in support of the Final Environmental Impact Statement for the Nevada Test Site and Off-site Locations in the State of Nevada (NTS FEIS). In Phase I, a systematic selection process is used to identify facilities and activities that could experience accidental releases of radioactive and/or chemically hazardous materials, and candidate accident scenarios are identified for detailed analysis. Transportation is not one of the activities included within the scope of this analysis, because transportation is addressed separately in the NTS EIS Transportation Study. In Phase 2, the candidate accident scenarios will be fully described in terms of initiating events and release mechanisms, and the accidents will be quantitatively analyzed to determin probabilities of occurrence and consequences to workers and the public. Phase 2 of the analysis will be performed following DOE-NV concurrence with the findings and recommendations of Phase I.
KEYWORDS: RADIOACTIVE MATERIALS, HAZARDOUS CHEMICALS, ACCIDENTAL RELEASE, HUMAN HEALTH, ENVIRONMENTAL EFFECTS
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Defense and Environmental Restoration Program, Tonopah Test Range, NV; Environmental Restoration Program, Project Shoal Area, NV; Central Nevada Test Area, NV

ACCESSION NUMBER: 0074
DOCUMENT TYPE: RT
TITLE: Environmental Impact Statement for the Nevada Test Site and Off-site Locations in the State of Nevada - Human Health Risk Assessment Phase II
ORIG. DOC. NO.:
DOCUMENT DATE: 960600
ORIGINATING AGENCY: Department of Energy
PAGES: 0134
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: These accident assessments were performed in support of the *Final Environmental Impact Statement for the Nevada Test Site and Off-site Locations in the State of Nevada.* Accidents related to facilities involved in the following program areas were analyzed: 1) Defense Programs, 2) Waste Management Programs, 3) Environmental Restoration Programs, 4) Non-Defense Research and Development Programs, 5) Work for Others Programs. Existing safety analysis documentation, and discussions with and reviews by NTS and TTR personnel, were used to determine accidents in the five programs areas that could have the potential for

producing adverse impacts to the health and safety of workers and the public. The potential consequences of accidents were based on existing safety analysis doucmentation where available; where existing analyses were not available, independent accident analysis was performed. The results of the analyses provide estimated accident frequencies and the potential health effects to workers and members of the public resulting from accidental exposure to radionuclides or nonradioactive toxic materials.
KEYWORDS: RADIONUCLIDES, TOXIC MATERIALS, ACCIDENTAL RELEASE, HUMAN HEALTH, SAFETY
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Defense and Environmental Restoration Program, Tonopah Test Range, NV; Environmental Restoration Program, Project Shoal Area, NV; Central Nevada Test Area, NV

ACCESSION NUMBER: 0075
DOCUMENT TYPE: RT
TITLE: Technical Resource Report for the Final Environmental Impact Statement for the Nevada Test Site and Off-Site Locations in the State of Nevada - Infrastructure
ORIG. DOC. NO.:
DOCUMENT DATE: 960800
ORIGINATING AGENCY: Department of Energy
PAGES: 0097
REEL: FRAME:
AUTHORS: Department of Energy Nevada Operations Office
ABSTRACT: The infrastructure of the NTS consists of services and facilities that are common to, and available for, all projects, contractors, and laboratories. Infrastructure is difficult to assess in total due to the variability and subjectiveness of when resources are considered to be project or contractor specific and when they are available to all. In general, the infrastructure willbe considered to be any resource or facility that is used by or supports more than one department, organization, or customer. For instance, administrative resources typically provide assistance to a number of departments or customers and perform work on many different projects for different customers. Another example would be roads on the NTS. A road may be constructed to support a specific laboratory experiment, however, this same road will be used by other such as monitoring and security personnel both during and after the experiment. Therefore, the roads on the NTS should be considered part of the infrastructure.
KEYWORDS: INFRASTRUCTURE, NEVADA TEST SITE, RESOURCES
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Clark County, NV; Lincoln County, NV

ACCESSION NUMBER: 0076
DOCUMENT TYPE: SA
TITLE: Department of Energy Programmatic Spent Nuclear Fuel Management and Idaho National Engineering Laboratory Environmental Restoration and Waste Management Programs Final Environmental Impact Statement
ORIG. DOC. NO.: DOEEIS0203F

DOCUMENT DATE: 950400
ORIGINATING AGENCY: Department of Energy
PAGES: 4915
REEL: FRAME:
AUTHORS: Department of Energy Office of Environmental Management - Idaho Operations Office
ABSTRACT: Volumes I, Volume I Appendices A-M, IIa, IIb, III. This document analyzes at a programmatic level the potential environmental consequences over the next 40 years of alternatives related to the transportation, receipt, processing, and storage of spent nuclear fuel under the resposibility of the U.S. Department of Energy. It also analyzes the site-specific consequences of the Idaho National Engineering Laboratory sitewide actions anticipated over the next 10 years for waste and spent nuclear fuel management and environmental restoration. For programmatic spent nuclear fuel management, this document analyzes alternatives of no action, decentralization, regionalization, centralization and the use of the plans that existed in 1992/1993 for the management of these materials. For the Idaho National Engineering Laboratory, this document analyzes alternatives of no action, ten-year plan, and minimum and maximum treatment, storage, and disposal of U.S. Department of Energy wastes.
KEYWORDS: NUCLEAR FUEL, STORAGE, DISPOSITION, TRANSPORTATION, WASTE MANAGEMENT, TRITIUM, RECYCLING, FISSILE MATERIALS, NONPROLIFERATION POLICY, ENVIORNMENTAL EFFECTS, HEALTH RISKS, SOCIOECONOMICS, SAFEGUARDS, ENVIRONMENTAL JUSTICE, DECENTRALIZATION, NO ACTION, REGIONALIZATION, CENTRALIZATION, 1992/1993 PLANNING BASIS, RADIOACTIVITY, GEOLOGY, HYDROLOGY, NAVY, CANISTER, EIS
CROSSINDEX:
PROVENANCE:
LOCATIONS: Hanford Site, Richland, WA; Idaho National Engineering Laboratory, Idaho Falls, ID; Savannah River Site, Aiken, SC; Nevada Test Site, Mercury, NV; Oak Ridge Reservation, Oak Ridge, TN; Puget Sound Naval Shipyard, Bremerton, WA; Norfolk Naval Shipyard, Norfolk, VA; Portsmouth Naval Shipyard, Kittery, ME; Pearl Harbor Naval Shipyard, Pear Harbor, Oahu, HI; Kesselring Site, Schenectady, NY; Brookhaven National Laboratory, Brookhaven, Long Island, NY; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; Argonne National Laboratory-East, Chicago, IL; National Institute of Standards and Technology, Gaithersburg, MD; Massachusetts Institute of Technology, Cambridge, MA; Columbia Research Reactor, University of Missouri, Columbia, MO; West Valley Demonstration Project, West Valley, NY; Fort St. Vrain, Platteville, CO; Babcock & Wilcox Research Center, Lynchburg, VA